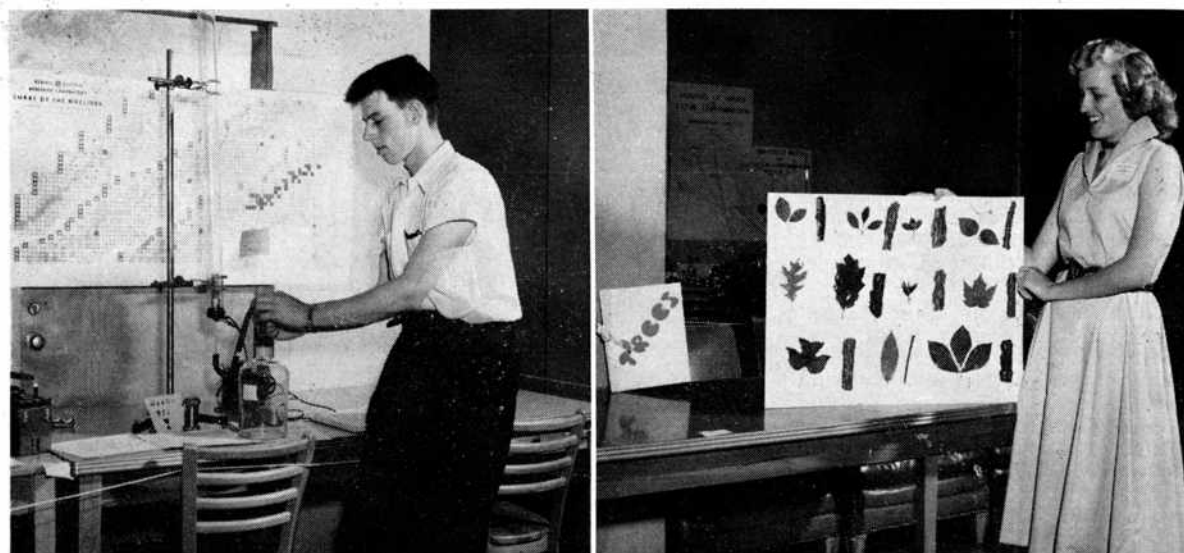


Y-12 SAFETY MARK OUTSTANDING IN UCC



RAY CALDWELL AND JUANITA PEMBERTON, ABOVE, BOTH WITH FATHERS IN Y-12, were honorable mention winners in the Oak Ridge Science Fair last week at the high school.

Two Youngsters Of Y-12ers Finish High In Science Fair At Oak Ridge High School

Two young Oak Ridge High School students, whose parents are Y-12 employees, finished in the select group of leaders at the Oak Ridge Science Fair, which was held last Friday at the Oak Ridge High School.

Caldwell, Pemberton Are Cited

Ray Caldwell, junior, son of H. W. Caldwell, of the Y-12 Maintenance Shops, got honorable mention with his project on "Transmutation." Juanita Pemberton, freshman, daughter of E. L. Pemberton, of the Maintenance Shops Department also got honorable mention with her exhibit on "Trees."

The first place winners in the local fair were Jane Blankenship in the girl's division and Conrad Briant in the boy's division. Each first place winner and approximately 50 per cent of the 68 contestants in the local fair will compete in the Regional Science Fair to be held in Knoxville, May 1 and 2. The Caldwell and Pemberton exhibits both will be shown

in Knoxville.

The winners in the Regional Science Fair will participate in the National Science Fair which will be held in Oak Ridge.

Exhibits Are Described

The theme of Caldwell's project on Transmutation was that when hydrogen gas is allowed to enter a long tube and is ionized by a hot filament, the hydrogen gas is ionized and charged positively. The gas is accelerated along the tube by an electric field and where the hydrogen strikes a target at the far end of the tube, it splits lithium atoms. When the lithium atoms split they produce alpha particles which cause the transmutations in cobalt metal.

In Juanita Pemberton's project on "Toxonomy of Trees," each class of tree is described as to leaves, bark, where the trees are found and the many uses for which wood is used. The display was attractive with various specimens of bark available for the specta-

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RICE AND SAUSAGE CASSEROLE TOPS LUNCH

Rice and sausage casserole will be the appetizing main dish on the Thursday Special Lunch at the Y-12 cafeteria tomorrow, Thursday, April 30. The lunch will sell for 50 cents and in addition to the entree will include a vegetable, choice of salad or dessert, rolls and butter.

Instrument Group To Hear Address On Process Control

"Controllers and Characteristics for Process Control" will be discussed at a meeting of the Oak Ridge Section of the Instrument Society of America at 7:30 o'clock next Wednesday night, May 6. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

The speaker will be Louis Gess, chief operating engineer of the Minneapolis-Honeywell Regulator Co., Minneapolis, Minn. All Y-12 members of the group are urged to attend the session.

Three Corporation Awards In Year Tops Organization; Eighth Period Bar Will Be Presented On Thursday

Underwood To Turn Over Citation To Y-12ers In Cafeteria Ceremonies; Plant's Frequency And Severity Figures Leads Groups Of Size

The outstanding safety achievement of posting the greatest number of man hours worked without a lost time accident in the entire Union Carbide and Carbon Corporation organization during 1952 was made by the Y-12 plant, according to the 1952 safety report of Union Carbide. Official figures of Union Carbide showed that Y-12 won three Corporation safety awards during the year for working periods of more than 1,500,000 man hours without a disabling accident for a total of 5,384,646 hours of operations with no lost time mishaps.

The last of the three awards earned by Y-12 in 1952 was the eighth such recognition by the Corporation since 1948, when the plant was presented the big bronze plaque for establishing its first period of more than 1,500,000 hours of work without a lost time accident. Since then six safety service bars have been awarded Y-12ers and attached to the original plaque.

Presentation At Cafeteria

Presentation of the eighth Corporation citation in the form of another, or seventh, safety service bar, will be made to the employees of Y-12, whose efforts resulted in the honor being won, at a brief ceremony to be held at noon, tomorrow, Thursday, April 30. The presentation will be made in the cafeteria by Plant Protection Superintendent Gentry L. Underwood.

The eighth Carbide safety period established in Y-12 ran from October 14 to December 19, 1952, when 1,595,096 hours were worked without a lost time accident. The seventh period was from July 26 to October 2 with 1,571,405 hours. The sixth period was from January 5 to April 6 with 2,218,145 hours.

In the important frequency and

severity rate of accidents among plants of Carbide and Carbon Chemicals Company, a division of UCC, the Y-12 plant is tops for all units with anywhere near the number of man hours worked. The frequency rate is the number of disabling accidents per 1,000,000 hours worked. The severity rate is the number of days lost per 1,000 hours worked.

On top of each category in the Chemicals group are the Hastings, Diamond and Leach plants, each with a frequency and severity record of zero as they had no lost time accidents during the year 1952. Diamond had 103,182 hours of work recorded, Hastings 156,431 and Leach 92,609. Then comes the new Carbide plant at Paducah, Ky., with a frequency rate of .79 and a severity rate of .03 out of a total of 2,517,290 man hours of operations.

Y-12ers Worked 8,645,075 Hours

In comparison with those plants, Y-12ers put in 8,645,075 man hours of operations during 1952 and posted a frequency mark of only 1.50 and a severity record of .05. Among the Oak Ridge units of the Company the Oak Ridge National Laboratory was right behind Y-12 with a frequency rate of 1.58, a severity rate of .10 and 5,054,678 man hours of work. K-25's records were 2.76 and .37, respectively, with 11,574,691 man hours recorded.

These marks compare with 3.92 and .38 for the entire Carbide and Carbon Chemicals Company group of plants and 4.37 and 1.16 for all of the Union Carbide divisions.

UCC Rate Less Than Average

Y-12ers also can point with pride to the fact that the 4.37 frequency rate for UCC is about one-third that of the rate for the entire United States industry, which was 13.50. The Corporation 1952 safety report also points out that the 1952 frequency rate was five per cent below the 1951 record of 4.61 and a decrease of 16.6 per cent from the average frequency rate

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'Old Eagle Eye,' Y-12 Guard, Holds Many Pistol Championships

The immortal Jim Thorpe may have won a lot of sports medals and trophies in his time but he has nothing on Garfield Huddleston, of the Y-12 Guard Department in his field as an expert when it comes to pistol shooting. The Y-12er started competitive shooting in the fall of 1938 and in three and a half years accumulated 32 trophies, 350 medals and 23 world's records. These medals and trophies are valued at approximately \$3,800. Many of his records are still standing for some younger marksmen to try to top.

In the International Pistol Matches held at Mexico City in 1940, Huddleston fired in the 25 meter pistol match and smashed the previous world record by four points. The events at Mexico City were primarily team matches and he paced his team to many coveted titles.

His records on the "Camp Perry Course" still stands. In .32 calibre pistol rapid fire he made a

perfect 300, which was a clean sweep, and repeated this three times in one year. In the .45 calibre rapid fire he had 195 out of 200, which was four points over the previous record.

Huddleston was discharged from the Army in June 1940 and joined the Kansas City police force to instruct officers in the art of pistol marksmanship. In 18 months he was with the organization, the police team won 74 trophies and 1,800 medals, plus many cash awards.

"Old Eagle Eye," as Huddleston is known throughout pistol shooting circles, really set a lot of records while serving as an instructor to the Kansas City police.

In the Corn States Pistol Tournament he copped the .22 calibre National Match event, fired the Camp Perry Course twice in 299 and in the timed and rapid-fire matches he went clean with 200 for 200 in each.

In the same year at the pistol

tournament held by the 360 Rifle and Pistol Club of Omaha, Neb., Huddleston and his shooting buddy, and rival, Francis O'Conner, really had it out. In the .22 calibre rapid-fire match both were tied at the end of the third string with 150. After the smoke had cleared and Huddleston had finished firing, he had a 299 out of a possible 330 and a new record was posted in the books.

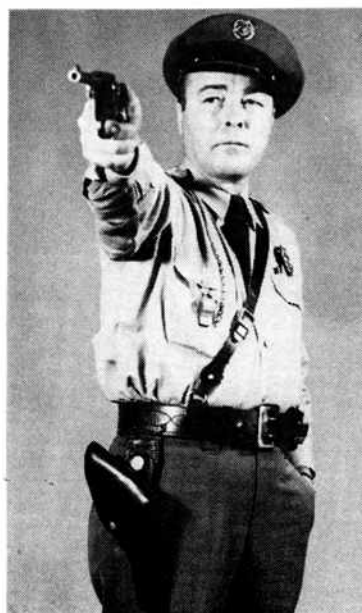
Swept Missouri State Matches

Huddleston also swept all honors in the Missouri State matches in .22, .38 and .45 calibre in slow, time and rapid fire. He broke the world's record in .22 calibre National Match Course and scored a 297 out of a possible 300 at 25 and 50 yard firing distances.

At the end of 1940, he was ranked No. 4 in the United States by the National Rifle Association with a 95.4135.

After leaving Kansas City Huddleston took a position with the

Continued on Page 2



Garfield Huddleston

SAFETY SCOREBOARD

Your Plant Has
Operated
Eight Days

Without A Lost Time
Accident

Through April 26

The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS COMPANY
A Division Of
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GEORGE W. DOBBS . . . Editor

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North Portal Bldg. 9701-1
Telephone 7753

Oak Ridge Music Group Sets Concerts

An interesting slate of guest artists for the next musical season in Oak Ridge has been announced by the Oak Ridge Civic Music Association. Five outstanding concerts have been arranged by ORCMA for the 1953-1954 enjoyment of its members, many of whom are Y-12 music lovers.

The ORCMA is the central agency for music in Oak Ridge. It sponsors a series of professional recitals and also two concerts by the Oak Ridge Community Chorus and four by the Oak Ridge Symphony Orchestra. A series of informal Sunday evening musicales (coffee concerts) also are arranged by the association.

The activities of the ORCMA are unique in that it offers music lovers of the city the opportunity of hearing all the musical attractions of the season without joining several separate organizations. The work of the association is attracting attention of music lovers in other cities throughout the country comparable in size to Oak Ridge who are interested in setting up a similar plan.

The ORCMA programs for the coming season include Rawn Spearman, tenor, November; the Loewenguth String Quartet, December; Mieczyslaw Horszowski, pianist, February; Isaac Stern, violinist, March; and the Albeneri Trio, violin, cello and piano, April.

Y-12 Safety Mark Outstanding In UCC

Continued from Page 1
of 5.24 for the five-year period of 1947-1951.

The excellence of the Y-12 safety figures for 1952 reflects the recognition by employees of the importance of working safely — both for their own well being and continued good health as well as for efficiency of Company operations. However, constant vigilance is necessary on the part of all Y-12ers to maintain the high standards of the past years.

May 8 Deadline To Enter Camera Club Print Contest

Members of the Carbide Camera Club in Y-12 intending to enter pictures in the black and white print competition scheduled for the next meeting of the group on Tuesday night, May 12, are urged to have their entries submitted not later than Friday, May 8. The photographs may be left with Janet Cisar, president of the club, 508 Valparaiso Road; or Robert Freestone, 104 Portland Lane.

The subject of the prints in the competition will be portraits, of either people or animals. The May 12 meeting of the club will be held in the headquarters of the organization, Y-12 East Portal building, beginning at 7:30 o'clock.

Remember—Only you can
PREVENT FOREST FIRES!



SPELLING CHAMPION OF Anderson County is Elsie Faye Cotton, above, daughter of A. D. Cotton, ADP Maintenance Department in Y-12. The 13-year-old girl won the county spelling bee and will be entered in the Knoxville spelling contest, the winner of which is entered in the national event at Washington, D. C. Elsie is in the eighth grade at the Marlow School.

CRAG Herbicide-1 For Halting Weeds Available In Y-12

CRAG Herbicide-1, a recently developed weed preventative for gardens introduced by Carbide and Carbon Chemicals Company, now is available for Y-12 gardeners at the plant Cashier's Office, Bldg. 9704-2. The price of the four-ounce home garden package of CRAG Herbicide-1 is 84 cents, including the state sales tax.

CRAG Herbicide-1 has been thoroughly tested and is recommended for use in a total of 56 crops commonly found in home gardens including beans, corn, strawberries, raspberries, asparagus and a variety of perennial flowers (roses, phlox), trees, shrubs and evergreens.

The CRAG Herbicide-1 is sprayed or sprinkled on soil as a water solution and prevents growth of three to six weeks of broadleaved and grass weeds from seed. The spray solution is not harmful to established plants and there is no danger of it harming adjacent plants. The product has been used with good results by commercial growers for the past two years.

The four-ounce can is sufficient to treat 3,000 square feet of soil. If a sprayer is used one level teaspoonful in one-half gallon of water will cover an area of 100 square feet. If a sprinkling can is used one level teaspoonful in one gallon of water will cover a similar area.

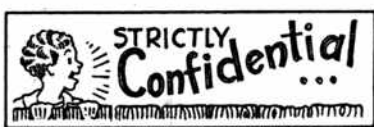


The following Y-12 employees were patients in the Oak Ridge Hospital last week: Unie R. Waddell, William A. Newman and Fred Kilpatrick, Field Maintenance; Hilda Gillum, Health Physics; Marcus B. Potter, Product Processing; Earl H. Johnson and Richard V. Hawk, Maintenance Shops.

HOT AIR ENGINES SEEN

Air Force engine research men are reported by the Washington Times-Herald as predicting that hot air, superheated by energy of splitting atoms, will drive jet engines in the proposed atomic powered bomber.

Let your wife know right off who's boss. Don't kid yourself.



The editor of this sheet just erupted in the door and all over the place—vowing to horsewhip the Y-12 pals (?) that nominated him to the Association For Preservation Of Tennessee Antiquities as its Exhibit A.

"Heck," howled the editor, "I ain't even eligible, I'm from Kentucky!"

Now for chit chat about more interesting people.

W. F. Cameron, of Chemistry, and his wife, Bea, of Uranium Control and Computing, are touring the famed azalea gardens in Charleston, S. C., while on vacation this week.

The Stores Department extends sympathy to J. L. Hamon, whose father died last week in the Knoxville General Hospital . . . Mildred Reynolds is on a week of vacation.

C. E. Jarnigan is visiting his brother in Wauchula, Fla., this week. He also plans to do some sight seeing in Tampa.

C. F. Peterson, of Maintenance Shops, and his family spent last week's vacation in Charleston, W. Va. . . . Russell Hopper, Warren Tyree, George Stines and G. W. Brewer donned their fishing togs, gathered up all their tackle and took off on last week's vacation for their favorite fishing spots . . . A. H. Johnson spent his week off trout fishing . . . E. S. Henck was also on last week's vacation list. . . . T. E. Brantley is spending his two-week vacation at home in LaFollette.

George Harris, of Safety, and his family vacationed last week in North Carolina . . . Cliff Henderson dropped by to visit his old cronies in Y-12 last Wednesday from the Paducah, Ky., plant.

Esther Rosenberg, of Medical, and her husband are on vacation this week.

H. L. Miller, of the Fire Department, is spending part of his week's vacation painting his house. . . . Capt. Dave Turner and two of his buddies, Jim Brewer and Homer Hatmaker, of ADP Development, spent a recent week of vacation camping out on Douglas Lake; and fishing between sleet, snow and showers. They caught about 100 fish for all that. Hatmaker dragged one fish about five miles before he knew he had it on the line.

The Guard Department extends get-well wishes for Capt. P. C. Dabbs' wife, who is a patient in the Oak Ridge Hospital . . . Get-well wishes also go to G. C. Gregory, G. W. Boggs and R. C. Noland, who are on the ailing list . . . W. M. Grant, W. G. Hatfield and Lt. C. S. Waldroup were on last week's vacation list.

Alice Elder, of the Analytical Laboratory, and her husband, are soaking up the sun at Miami Beach, Fla., this week . . . Addie Lynch and her husband are on a week's vacation tour of Florida. . . . L. M. Steckel spent a recent week of vacation visiting his folks in Indiana . . . Get-well wishes are extended to Foyster Miracle, who was on last week's sick list—he is taking a vacation this week to rest up.

Vacationers from ADP Maintenance last week were J. R. Carriger, H. F. Grounstein, W. C. Munsey and E. E. Guy . . . Get-well wishes go to M. M. Carty, who is ill with the mumps.

Lillian Cobble, of Transportation, and her husband, Ernie, of Buildings and Grounds, plan to spend this week's vacation over at Fontana, N. C., doing a lot of fishing . . . George Howard is on this week's vacation list.

W. L. Parks, of Buildings and Grounds, and his wife, Nell, of the Superintendent's Department, are visiting in Lexington, Ky., this week. They might go over to Louisville to take in the Kentucky Derby while in the Bluegrass state . . . M. V. DeLong and R. B.



GARFIELD HUDDLESTON, A Y-12 GUARD, IS SHOWN with his valuable collection of medals and trophies won in many pistol competitions throughout the country. The picture was made about 1941. Many of his marks in national events still stand.

Bullard are on this week's vacation list.

Lillian Hatmaker, of Engineering, and her husband, Earl, with her parents, George Howard, of Buildings and Grounds, and Mrs. Howard, are vacationing at Laguna Beach, Fla., this week. They also plan to visit relatives in Birmingham, Ala.

R. S. Hickey and H. V. Craft, of Electrical Maintenance, attended a Masonic Lodge meeting in East LaPorte, N. C., on a recent week end . . . The department welcomes H. G. Watkins to their roster.

The Security Department welcomes Bill Davis back to their roster.

Edna Kennedy, of Insurance and Housing, and her husband, Ernest, of Planning and Estimating, doubtless plan to do a lot of fishing while vacationing this week.

The Technical Information Department extends get-well wishes for Ed Beaven, who has been a patient in St. Mary's Hospital in Knoxville . . . Betty Stephens and Joyce Coffey, of K-25, are on a Delta Airlines tour to Miami Beach, Fla., this week . . . The best of luck goes to Bobbye Jean Jesse, who terminated last week to join her husband, Don, in Fort Jackson, S. C.

Fes Lowry, of Personnel, and his family are visiting Mrs. Lowry's folks in Centerville, Tenn., while vacationing this week.

The Cafeteria Department extends get-well wishes to Rosa Lowe, who is a patient in the Oak Ridge Hospital.

The Superintendent's Department welcomes Rhonda Harrell to the roster.

Barbara Davis, of Property Sales, and Ellen Hughes, of K-25, flew out to Fort Sill, Okla., to spend the week end with their husbands.

Lots of men are reticent about claiming any responsibility for accidents—until they make a hole in one on the golf course.

Health Physics extends get-well wishes to the folks on the sick list who are Dorothy Bowman, Mary Brown, Helen Ivens, Nell Gillum and Cleo Sideris.

Tony Caputo, of Alloy, spent the week end with his folks in Cleveland, Ohio. . . . Congratulations are extended to Oscar Blackwell, who is the proud pap of a six-pound 10 and one-half ounce baby girl—little Vera Janice was born April 20, at the Baptist Hospital in Knoxville . . . Bill Ebert is spending his week of vacation around home in Oak Ridge.

ADP Maintenance extends get-well wishes to O. E. Bean, who is off ill . . . A welcome back to work goes to H. C. Lauder milk after an illness . . . The department welcomes the following new members to the group: O. W. Brown, J. H. Debbins, C. L. Gossage, M. P. Welch, G. A. Norman, R. M. Roark, S. J. Webster, H. W. Kirkland and A. W. Osborn.

In this day and time it is up to diplomats to watch their appease and accuse.

'Old Eagle Eye' Tops In Pistol Records

Continued from Page 1

Remington-du Pont Company for a year as a firearms instructor and investigator.

Joined Navy In 1942

In 1942 he enlisted in the Navy and was sent to Chicago attached to the Shore Patrol as an instructor in firearms and jiu jitsu. In jiu jitsu, he is lightning fast. In a demonstration he lets an "aggressor" hold an unloaded but cocked pistol against his stomach and then disarms him before the adversary can pull the trigger. If the "aggressor" attacks from the rear he finds that Huddleston can flip him in the air and break his arm faster than it takes to describe the action.

After a successful tour of duty in the Navy, he joined the police force at Middlesboro, Ky., and later served as a deputy sheriff in Columbus, Ohio. While in Ohio, he annexed the state pistol shooting championship in .22 and .38 calibre firing.

With a hankering to serve his country again, he enlisted in the Army as a master sergeant. He served as a ballistics expert with the American forces in Germany.

He received his army discharge in 1949 and worked at Y-12 for 14 months. Upon returning to work here again Guard Dept. Chief Miles H. Bradford says, "I'm going to tie 'Old Eagle Eye' to the flag pole and hold him for a while."

Huddleston is planning on becoming a full-fledged member of the Y-12 pistol team and from his background he may be expected to crack many records in years to come.

Community Playhouse Plans Dance On Next Wednesday

The Oak Ridge Community Playhouse will give a Playhouse Dance at the Oak Terrace from 9 p.m. to 1 a.m. next Wednesday night, May 6. Music will be provided by Guy Jett and his orchestra.

An entertaining program also will be presented with Playhouse members offering "Kind Hearts and Corners." Paul Ebert, Playhouse director, will play five separate roles in the production. A pizza dinner will be served. Tickets may be obtained at the door and reservations may be made from Ruth Spreen, Oak Ridge telephone 5-1001.

AEC MAN TALKS

The Dayton, Ohio News, reports that Robert F. Rose, of the Atomic Energy Commission, recently discussed "How AEC Looks At Our Community Relations" in a meeting of Ohioans considering problems brought about by location of the new atomic plant in the Pike County area.

Y-12 SPORTS



Y-12 FIRE DEPARTMENT
Capt. Emmett Moore recently declared a one-man war on fish in Ft. Loudoun Lake and brought home the string pictured above to show off to Mrs. Moore, along with a fine application of sunburn. The string, mostly crappie, included 11 weighing one and one-half pounds.

Y-12 Fishing Rodeo In Full Swing, Ends Next Sunday

About 150 Y-12 anglers and members of their families are waging war on the finny tribes of East Tennessee in the first Y-12 Fishing Rodeo of the season. The rodeo will end at midnight next Sunday, May 3, and all entry cards must be in the Y-12 Recreation Office, North Portal, not later than 4 o'clock Monday afternoon, May 4.

All of the money received from the sale of tickets for the rodeo will be used to buy prizes for the winners in the various classes in competition. A rodeo committee composed of Avery Kendig, Transportation; Evan Means, Electrical Maintenance; and Russell Hopper, Maintenance Shops; has been appointed to purchase and distribute prizes to the winners.

First, second and third prizes will be awarded in the different classes with weight determining the winners. In case of a tie, length and girth, in that order, will be used to determine the victor.

To make entries official, catches must be certified by an operator of a fishing dock, the Central Hardware Co., or the Sportsmen's Service Supply Store in Oak Ridge.

Rippers And Hooks Tied In Golf League

The Rippers and Hooks forged out in front in the Y-12 Golf League last week by racking up two points each at the expense of the Grand Slammers and Eagles. The Hooks posted a 25½ to 10½ win while the Rippers' margin was 18½ to 17½. Other league matches saw the Rough Riders win a pair of points with a 23 to 13 win over the Sluggers and the Fat Boys and Plugs playing to an 18-all tie.

Low score for the week over the Oak Ridge Golf and Country Club course was posted by Harrell, Hooks, who had a 39. Bill Reynolds, Plugs, was close behind with 40.

League standing follows:

Team	W	L
Rippers	4	0
Hooks	4	0
Chippers	2	0
Fat Boys	3	1
Rough Riders	2	2
Plugs	1	3
Sluggers	0	4
Eagles	0	4
Grand Slammers	0	4

Cardinals Open Season Against Canton At Midtown Sunday; Plant League Outfits Ready For Loop Inaugurals Monday

Y-12ers Meet Ashe In Clash On Tuesday

With prospects bright for a winning season, the Y-12 Cardinals will open their season against strong opposition in the form of the Canton, N. C., outfit Sunday afternoon, May 3, at Midtown Park, No. 1. The clash will be part of a twin bill featuring the visiting Carolinians with Y-12 and Canton slated to square off at 3 o'clock and the invaders tackling Oak Ridge National Laboratory in the nightcap after the opening business is finished.

The Cardinals of Manager Frank "Red" Darby will pry the lid off the Knox-Ridge League season on Tuesday night, May 5, at Midtown against the Ashe Hosier Mill team from Knoxville, a newcomer to the circuit. This game will be played at 9 o'clock following an opening clash between the K-25 Blues and the Watson Furniture Co. outfit from Knoxville, league champions last season.

The Cards will battle their old rivals, the Blues, at 7:30 o'clock Friday night, May 8, at Midtown in the first half of another twin bill. In the final tilt the Oak Ridge Amvets, another new team in the loop, will play ORNL.

No schedule for the feminine division of the Knox - Ridge League, in which the Y-12 Robins have hopes of flying high this season, was available on Monday morning.

B League Bowlers Set New Records; Wolves Hold Lead

Action was fast and furious in the B League last week as many of the previous high marks fell by the wayside. The Wolves held their slender margin by winning three points from the Wasps while the improving Rebels climbed close to the league leaders with a whitewash win over the Tigers. The Rippers came to life with a shutout victory over Bldg. 9211 and the Cubs nipped the Swingsters by a three point margin. The Bumpers and All Stars whipped the Has Beens and Bums by a four point margin, respectively.

Len Hart, of the Rippers, really went on a rampage rolling a 258 scratch game, boosted to 268 with handicap and went on to roll a 650 series, all three marks being high for this round of play. Schierbaum, Bumpers, posted a 703 handicap series, also high for this round. The Rebels racked up a 1076 handicap single, a 2585 scratch series and 3071 handicap

Golfers Defend Smoky Mountain Title Team Meeting Set For Friday Morning

The Y-12 varsity golf team will open its defense of the Smoky Mountain Golf League during the week beginning Sunday, May 10. The Y-12 divot diggers will meet the Oak Ridge National Laboratory tinkers in their first match of the season.

City And Southern Tournament Awards Given Keglerettes

The Y-12 women's varsity bowling team took a holiday last week from Oak Ridge City League activities in order to attend the annual bowling banquet which was held at the Jefferson Recreation Hall.

Miss Curtis Is Honored

Lois Curtis was recognized as the most improved bowler in the W League this year, raising her average from 86 to 101 and received a handsome award from the Women's International Bowling Congress for this achievement.

Other Y-12ers, who were winners in the recent city tournament and received awards at the banquet include Betty Whitehorn, second in singles; Juanita Pitt, second in all events and 15th in singles; Juanita Pitt and Ruby O'Kain, sixth in doubles; the Y-12 varsity team second; Controllers, sixth in team standings. All of these results were in handicap scoring and the Y-12 varsity team took scratch honors in the tournament.

Y-12ers High In Southern

In the Women's Southern Handicap Tournament recently completed at Nashville, several Y-12 keglerettes made an excellent showing. Mary Ballard and Betty Whitehorn finished third in doubles with a 1218. Mavis Koons and Dot Park finished 13th in doubles with a 1178. Park also placed fourth in singles with a 643. Juanita Pitt placed eighth in singles with a 629 and Koons finished 30th with a 598. In all events, Whitehorn was eighth with 1823 and Koons placed 14th with a 1793.

series, the latter mark being high for this round. The Rippers got into the act with a 917 scratch single game.

League standing follows:

Team	W	L
Wolves	26	10
Rebels	24	12
Wasps	22	14
Cubs	22	14
Bumpers	22	14
All Stars	19	17
Bums	17	19
Tigers	15	21
Rippers	15	21
Has Beens	14	22
Bldg. 9211	10	26
Swingsters	10	26



THE HAS BEENS, LEFT, AND THE CUBS BOWLING teams in the B League have given all opposition a tough time of it this season. The Has Beens won the second round of play in the circuit and team members from left are Jack McLendon,

The big Smoky Mountain League trophy was won by the Y-12 team in both 1951 and 1952 and another victory this year will permanently retire the award to the Y-12 trophy rack.

Golfers Urged To Attend Meeting

Members of the 1952 Y-12 golf team have been requested to meet at the Recreation Office, North Portal, at 10 o'clock Friday morning, May 1, when team organization for the present season will be perfected.

As in the past, players on the team will be selected from averages of last year and also on averages established in the Y-12 Plant Golf League this season, the best scorers being selected to represent the plant against outside competition.

Players Go To Waynesville

At a recent meeting in Knoxville the Smoky Mountain League was reorganized for the coming season. The season will close around September 1 with the annual league visit and outing at Waynesville, N. C.

66s Win E Loop Final, Will Roll Peglers For Crown

The league leading 66s slashed the Cut Ups for a four point whitewash win in the last round of play in the second half of the E League season last week to win the final period of play going away. The victory by the 66s earned them the right to meet the Peglers, champions of the first half of the season, in the loop roll off set for Tuesday night of this week. The defeat sent the Cut Ups down to a tie with the Ezy Aces for second place in the last half of play.

In other tilts last week the Ezy Aces topped the Peglers, the Stinkers humbled the Hobslurps and the Pin Wobblers walloped the No Pins, each by three points.

Paddy Peckman, of the Peglers, monopolized all individual scoring honors of the night with a 235, 254, 517 and 618 across the score sheet. Thus aided, the Peglers had the best scratch team scores with an 852 game and 2466 series. The Hobslurps had the top handicap game of 1001 and the

Twin Bill Scheduled For Elza Diamond

With spring training behind them, the Y-12 Plant League softballers are primed to pry the lid off the 1953 season with a double header at Elza Park next Monday night, May 4. Some special ceremonies are being planned for the occasion, weather permitting, and quite a crowd of spectators and followers of the teams in the inaugural tilts is expected to turn out.

The schedule for the opening week follows:

Monday, May 4 — 6:15 p.m., Maintenance vs Guards. 7:45 p.m., Engineers vs Colts.

Tuesday, May 5—6:15 p.m., ADP vs Uranium Control Junior Varsity. 7:45 p.m., Peons vs 49ers.

Wednesday, May 6—6:15 p.m., Uranium Control Junior Varsity vs 49ers. 7:45 p.m., Engineers vs Maintenance.

Thursday, May 7 — 7:30 p.m., ADP vs Peons. 9 p.m., Colts vs Guards.

League games will be scheduled on Monday, Tuesday, Wednesday and Thursday nights of each week, the engagements on the first three nights being set for 6:15 p.m. and 7:45 p.m. and all Thursday night games being played at 7:30 p.m. and 9 p.m.

There will be two rounds of play in the first half of the season, which will be staged at the Elza Field. The second half schedule also calls for two rounds of play at Pinewood Park. Winners of the two halves will meet in a playoff for the season's championship.

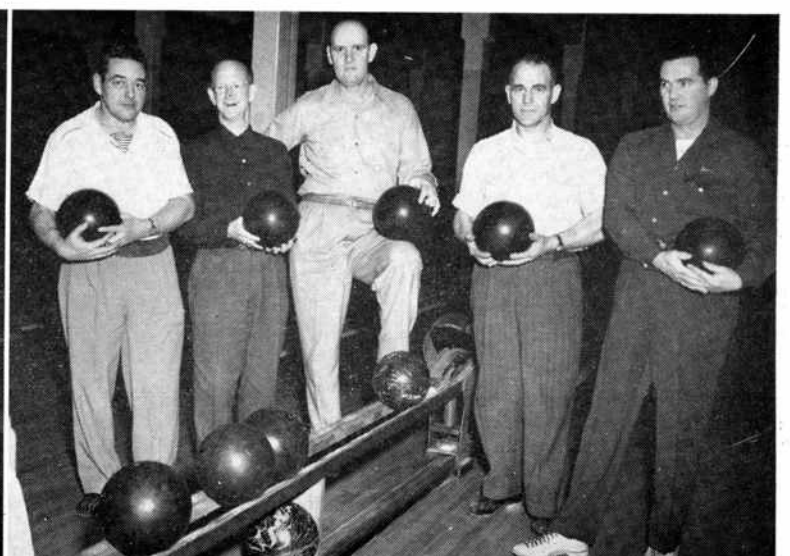
At a meeting last Friday league managers elected C. B. Hopkins as president of the league for the season. A board of control composed of George Strasser, R. Potter and J. Strohecker also was chosen.

Dodgers Will Hold First Drill Tonight

Candidates for the Y-12 Dodgers baseball team, the plant's Negro diamond outfit that has established such a good record in past years, will practice from 7:30 o'clock to 9 o'clock tonight, Wednesday, May 29, at the Gamble Valley park. Manager Coleman expects to field another crack team this year.

Ezy Aces the best handicap series with 2935.

Team	W	L
66s	47	17
Cut Ups	40	24
Ezy Aces	40	24
Peglers	34	30
Stinkers	31	33
Hobslurps	23	41
Pin Wobblers	22	42
No Pins	19	45



Rudy Pletz, Roy Roberts, C. Smith and Paul Weigelt. The Cubs have been in the thick of the fight all season as a result of steady bowling by, from left, J. Thomas, Harold Ratjen, Paddy Peckman, Al Sawyer and V. Williams.

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Two Y-12 Youngsters Place High In Fair

Continued from Page 1
tors to view.

Many young scientists with brilliant ideas in the scientific field are looking forward to the National Science Fair which will be held in Oak Ridge. Exhibits will be entered in the fair from all parts of the country.

Chemistry Projects Popular

Projects based on chemistry and chemical processes will take their share of the spotlight. Some of the details of the chemical exhibits will find a young chemist analyzing the chemical elements found in a certain kind of soil and the necessary steps showing how to synthesize camphor from turpentine.

In one fair held last year a 16-year-old girl explained the electrolytic theory of the corrosion of iron and the nature of the protection offered by metallic coatings. Another 16-year-old girl showed the necessary steps in the process of converting cellulose to glucose.

Elements Are Predicted

One young chemist had an exhibit entitled "Prediction of Elements 99 to 118." He figured their weights, electronic structure and characteristics, basing his calculations on the theory of radioactive disintegration.

Other young scientists have created exhibits showing how to make glue, the purification of water, the preparation of hydrogen peroxide, food stuff indicators, chemical analysis of textile fibers, milk analysis, paper chromatography, how to make oil from coal, methods of fireproofing wood and many other subjects.

Ability And Thought Judged

Creative ability and scientific thought are given the greatest weight in the final judging of the exhibits. Under creative ability the judges will take under consideration: "How much work appears to show originality of approach or handling? Judge that which appears to be original regardless of the expense of purchased or borrowed equipment. Give weight to ingenious uses of materials if present. Consider collections creative if they seem to serve a purpose."

Under scientific thought, the judges will consider "Does the exhibit disclose organized procedures? Is there a planned system, classification, accurate observation, controlled experiment? Does the exhibit show a verification of laws, or a cause and effect or present by models or other methods, a better understanding of scientific facts or theories?"

Finalists To Receive Medals

Each finalist in the national fair receives a rainbow-ribboned solid gold and silver medal engraved with his or her name. A facsimile medal and certificate will be sent to the principal of the school of each finalist, to become a trophy in the school's collection.

The 12 finalists receive "Wish Awards" of \$125 each, which will enable the winners to purchase selected scientific equipment and materials which each winner feels will help him in the furtherance of study and experimentation.

All finalists will participate in a three-day program of scientific sightseeing and meetings with leading scientists and the public at Oak Ridge.

A record of the subsequent achievements of all finalists is being kept to evaluate further the program toward encouraging future scientists, engineers and technicians.

Community spirit where the previous fairs were held has mounted tremendously and continues to grow from year to year. It must grow because this is very important to our youth and our nation.

Bachelor—A guy who thinks marriage is spelled "mirage."



Y-12 MEMBERS OF THE OAK RIDGE POWER SQUADRON mingle with visiting dignitaries at a United States Power Squadron District No. 15 meeting here April 11. Seated, from left, are USPS Rear Commander Fred Franklin, formerly of Oak Ridge; Chief Commander Herbert R. Prior and District Commander Ben Calhoun. Standing, from left, are Alfred Patterson, former Y-12er, secretary of the Oak Ridge Power Squadron; Dick Batch, former Y-12er; Richard St. Clair, Houston, Tex., commander; E. J. Richardson, Y-12; Hal Roper, past commander, New Orleans; George Lockhart, Y-12, chairman ORPS board of admission; George Banic, district staff captain representing Oak Ridge in district; H. J. McCampbell, past district commander; Morris Bedeaux, past commander Houston; W. C. Tunnell, past commander Oak Ridge; C. R. Vincent, past district commander; and G. J. Angele, Y-12, immediate past commander, Oak Ridge.

Hornets Capture Second Half, Play For C Loop Title

The Hornets were really bearing down under pressure last week in the C League and wrapped up the second half championship with a whitewash victory over the Uranium Control Junior Varsity.

A playoff this week between the first half winners, the Rusty Five and the second half champs will determine the league champions.

In action around the loop, the Rusty Five clipped the Angstroms by three tallies while the Moles shoved the Eutectics into the cellar with a three point triumph. The Guards and Hooks engaged in a tough battle and when the pins stopped falling both teams had won two points each.

The Hooks captured all the team honors for the night, posting a 872 scratch single, boosted to 1033 with handicap and went on to roll a 2425 scratch series, boosted to 2896 with handicap. Schierbaum, Guards, had a 215 scratch game and a 239 handicap game. Schafer, Hornets, rolled a 536 scratch series, boosted to 635 with handicap.

Final league standing follows:

Team	W	L
Hornets	40	24
Rusty Five	39	25
Angstroms	38	26
Guards	31	33
UCJV	30	34
Hooks	27	37
Moles	27	37
Eutectics	24	40

Keglers Nip AEC; Finish Great Season

The Y-12 men's varsity bowling team ended its season last week in the Oak Ridge City League with a whitewash victory over the Atomic Energy Commission keglers.

The Y-12 pinsters have enjoyed a highly successful campaign, posting the remarkable record of having won 110½ points while dropping only 21½. The Y-12 men easily copped the city championship, finishing the season with a

Grocers Nip Peons In D League, Meet Activators For Flag

The Grocers pulled a real "hoss race" finish in the second half of the D League season for the plant keggers with a whitewash victory that ousted the Peons from first place on the last night of the schedule, giving the ANP Division keggers the title for the period. As a result of the triumph, the Grocers are slated to meet the Activators, first half of the season winners, for the season's championship on Tuesday night of this week.

The Old Men blanked the Activators, the Split Kids turned in a similar win over the Isotopes and the Toppers tumbled the Victors by three points in other loop engagements last week.

In clinching the second half of the season crown the Grocers walked away with all individual and team scoring honors. The team posted 852, 1020, 2522 and 2978 across the board. Frank Schaffer had top tallies in handicap game with 258, scratch series of 541 and handicap series of 643. D. Ward's 226 scratch game was tops of the night.

League standing at the end of the second half of the season follows:

Team	W	L
Grocers	45	19
Peons	44	20
Activators	35	29
Old Men	32	32
Split Kids	28	36
Toppers	27	37
Vectors	25	39
Isotopes	20	44

wide margin over the rest of the league.

The Y-12ers were led to victory last week by Joe Pryson with scores of 223, 173, 187—583; followed by Ernie Cobble 195, 164, 165—524; Len Hart 144, 207, 165—516; Ray Galford 150, 169, 154—473 and Frank Gragg 151, 138, 118—407. Team scores were 863, 851, 789—2503 for Y-12 against 807, 822, 766—2395 for AEC.



MERLE B. HILTON, LEFT, and **Lon W. McNeil** were elected chairman and treasurer, respectively, of the East Tennessee District of the American Society of Tool Engineers last week. Both are Y-12ers in Engineering.

Attendance Record

MAJOR LEAGUE				
Dept.	More Than 50 Employees	Percentage Absent	Scheduled Standing	4-19-53 4-12-53
2619	0.2	1	2	
2690	0.7	2	4	
2002	0.86	3	7	
2077	0.93	4	2	
2773	1.2	5	19	
2018	1.3	6	5	
2008	1.36	7	1	
2739	1.44	8	8	
2790	1.7	9	9	
2618	2.2	10	6	
2060	3.4	11	12	
2142	3.7	12	13	
2014	3.9	13	10	
2091	4.10	14	14	
2015	4.10	14	17	
2003	4.2	16	11	
2001	5.5	17	16	
2617	6.3	18	18	
2108	7.7	19	15	

Group absentee percentage was 3.2 per cent, .2 per cent higher than the preceding week.

MINOR LEAGUE				
Dept.	15-49 Employees	Percentage Absent	Scheduled Standing	4-19-53 4-12-53
2743	0.0	1	1	
2301	0.0	1	4	
2107	0.0	1	5	
2093	0.0	1	13	
2090	0.0	1	14	
2005	0.4	6	6	
2143	0.6	7	8	
2145	0.7	8	3	
2140	0.9	9	10	
2144	1.0	10	7	
2200	2.77	11	1	
2046	2.77	11	9	
2133	3.8	13	2	
2096	6.2	14	11	

Group absentee percentage was 1.6 per cent, .4 per cent lower than the preceding week.

The plant average for the week ending April 19, was 3.1 per cent, .2 per cent higher than the preceding week.

Nevada Sun—Not Bomb Burned Correspondents

It wasn't the atomic bomb flash—but just plain hot rays of the Nevada desert that "seared" some news correspondents during the latest tests, according to Atomic Energy Commission scientists in statements to the Las Vegas Review-Journal. The AEC authorities also ridiculed stories that some newsmen had necks twisted by the force of concussion. One scientist from California remarked that it was hotter on beaches there in the summer time than at the spot where spectators watched he Nevada blasts.

Goodyear 'Takes' Challenge Of Atomic Energy Work

A. J. Garcia, general manager of the Goodyear Atomic Corporation which will operate the new atomic plant for the Atomic Energy Commission in Ohio, told Washington, D. C. engineers recently that the Goodyear company entered the field not only to aid in the nation's security, but also because "there is the fact that it does an organization good to be challenged and to learn to shift its weight and to be jolted out of a comfortable rut."

Two Y-12 Men Honored By Tool Engineers

Y-12ers in the Engineering Department were elected chairman and secretary, respectively, for the recently organized East Tennessee District of the American Society of Tool Engineers. They were Merle B. Hilton, named chairman of the group; and Lon W. McNeil, chosen treasurer. The election of officers was held last week by the group at a meeting held at Estabrook Hall, University of Tennessee, Knoxville.

Other officers elected for the group were Charles Lassater, assistant professor of mechanical engineering at UT, first vice chairman; Leonard Miller, Fulton Sylphon Co., Knoxville, second vice chairman; and Robert Simcox, Snap-Vent Co., Inc., Knoxville, secretary.

In addition to the election, the tool engineers saw a moving picture on the manufacture of steel, presented by the Bethlehem Steel Co.

The group will receive its charter at a meeting set for Saturday night, June 6, at the Oak Terrace in Oak Ridge. A national officer of the American Society of Tool Engineers, from Detroit, Mich., will present the charter.

Men Tennis Players Needed For Team

An urgent call for men tennis players in Y-12 who would like to play on a plant team in the Oak Ridge Tennis League has been issued by the Recreation Office, North Portal, telephone 7753. All masculine netters are asked to communicate with the Recreation Office as soon as possible or with Frank Ballinger, Bldg. 9711-1, telephone 7216.

The Y-12 men's tennis team won first place in the Oak Ridge Tennis League last summer but a number of the mainstays of that team have been lost to the 1953 outfit and replacements are badly needed.

The Recreation Office also will provide facilities for women tennis players and will organize a plant ladder competition if sufficient interest is shown. So far there has been no women's league formed in Oak Ridge.

Rides Wanted, Offered

Ride Wanted—From Lansing, Tenn., straight day, beginning May 1. H. C. Orange, plant telephone 7102.

Ride Wanted Or Will Participate In Car Pool—From South Harri-man, straight day. Newton Hamby, plant telephone 7549, home telephone 1577-W. Harriman.

Four Riders Wanted—From Lincoln Park section of Knoxville, straight day. Herbert Bradford, plant telephone 8031, home telephone 5-8683.

Ride Wanted—From Townsite section, Oak Ridge, to Y-12 West Portal, straight day. Betty Sue Davis, plant telephone 7749, home telephone 2-1347.

Ride Wanted Or Will Participate In Car Pool—From Kingston, straight day. R. D. Thompson, plant telephone 7009.

Ride Or Riders Wanted—From vicinity of Fulton High School, North Broadway, Knoxville, rotating shifts (B Shift this week). J. K. Henderson, Jr., plant telephone 7175, home telephone 3-4130.

Riders Wanted—From Clinton to East Portal, straight day. W. G. Vann, telephone 7406.

Visiting yokel to minister: "Do you think I could lead a good Christian life in the city on \$20 a week?"

Minister: "Yes, my boy, that's all you could do."